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FM NPIC WASH DC

TO AIG NINE SEVEN SIX

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RUEPJS/DIA PRODCEN

RUEPJS/NIC

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SECRET CITE NPIC 1328.

SECTION ONE OF SEVEN

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS
ON BLACK SHIELD MISSION BX6709, 19 JULY 1967.

((TEXT THAT FOLLOWS IDENTICAL TO MISSION BX6709, 19 JULY 1967))

SECRET

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SECRET

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS ON BLACK SHIELD MISSION BX6709, 19 JULY 1967. THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMOR NUMBER. PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE AND MODE. SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C @CLEAR, SC @SCATTERED CLOUD COVER, HC @HEAVY CLOUD COVER, H @HAZEN, CS @CLOUD SHADOW, SD @SEMI-DARKNESS, GC @GROUND COVER, CF @CAMO FLAG, O @OBLIQUITY, AND GR @GROUND RESOLUTION. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD, F @FAIR, OR P @POOR. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL OR PT @PARTIAL. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO, NS @NONSTEREO, OR PS @PARTIAL STEREO.

HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES OBSERVED.

A TOTAL OF 166 SA-2 SITES ARE IDENTIFIED. OF THE 166, 12 ARE OCCUPIED @2 OF WHICH ARE NEWLY IDENTIFIED, 124 ARE UNOCCUPIED @2 OF WHICH ARE NEWLY IDENTIFIED, 29 ARE IDENTIFICATION ONLY, AND 1 IS RETURNED TO CULTIVATION. OF THE 6 MAJOR AIRFIELDS COVERED, 4 PROVIDED ORDER OF BATTLE INFORMATION. HA NOI IS COVERED ON CLEAR, GOOD QUALITY PHOTOGRAPHY, WHILE HAI PHONG IS BARELY DISCERNIBLE ON FAR OBLIQUE PHOTOGRAPHY.

MISSILES

LAO CAI SAM SEARCH VN 2229N 10359E 25X1
NO SAM OR SAM-ASSOCIATED ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

VINH SAM SEARCH VN 1840N 10540E 25X1
NO NEW SAM OR SAM-ASSOCIATED EQUIPMENT OBSERVED.

DONG NOI SAM SEARCH AREA VN 1728N 10637E 25X1
NO NEW SAM OR SAM-ASSOCIATED EQUIPMENT OBSERVED.

HA NOI SAM SITE A10-2 @14N VN 2101N 10558E 25X1
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED GUIDANCE AREA, 3 MISSILE-HOLD POSITIONS @2 WITH TENTS AND 1 WITH 2 TENTS, AND AN OCCUPIED ACQUISITION RADAR POSITION.
OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH 7 VAN, AND AN ACQUISITION RADAR.

HA NOI SAM SITE A19-2 @15N VN 2055N 10550E 25X1
25X1

SITE IS UNOCCUPIED.

HA NO SAM SITE A29-2 04N VN 2104N 10541E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS 05

OCCURRED BY LAUNCHERS WITH POSSIBLE MISSILES, AN

OCCURRED GUIDANCE AREA, 3 MISSILE-HOLD POSITIONS

OCCURRED BY VEHICLES/PIECES OF EQUIPMENT, AND AN

OCCURRED ACQUISITION RADAR POSITION.

OB -- 5 LAUNCHERS WITH POSSIBLE MISSILES, A GUIDANCE

RADAR, AN ACQUISITION RADAR, AND 3 VEHICLES/PIECES OF

EQUIPMENT.

HA NO SAM SITE B04-2 05N VN 2111N 10559E

SITE IS UNOCCUPIED.

HA NO SAM SITE B12-2 03N VN 2056N 10604E

SITE IS UNOCCUPIED.

HA NO SAM SITE B25-2 011N VN 2054N 10536E

SITE IS UNOCCUPIED.

HA NO SAM SITE B29-2 017N VN 2104N 10539E

SITE IS UNOCCUPIED.

HA NO SAM SITE B30-2 016N VN 2106N 10539E

SITE IS UNOCCUPIED.

HA NO SAM SITE C30-2 07N VN 2113N 10521E

SITE IS UNOCCUPIED.

HA NO SAM SITE D19-2 012N VN 2023N 10547E

SITE IS UNOCCUPIED.

HA NO SAM SITE B17-2 01N VN 2047N 10554E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS

AN OCCUPIED REVETTED GUIDANCE AREA, 3 REVETTED

MISSILE-HOLD POSITIONS 01 WITH A TRANSPORTER, 1 WITH

TENT, AND 1 UNOCCUPIED, AND AN OCCUPIED ACQUISITION

RADAR POSITION.

OB -- 6 LAUNCHERS WITH MISSILES, 1 MISSILE TRANSPORTER,

A GUIDANCE RADAR WITH 8 VANS, AND AN ACQUISITION RADAR.

HA NO SAM SITE B21-2 02N VN 2051N 10545E

SITE IS UNOCCUPIED.

HA NO SAM SITE C28-2 013N VN 2105N 10529E

SITE IS UNOCCUPIED.

HA NO SAM SITE D31-2 08N VN 2121N 10522E

SITE IS UNOCCUPIED.

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25X1

HA NO. SAM SITE A11-2 @19N	VN 2100N 10555E	25X1
SITE IS UNOCCUPIED.		
HA NO. SAM SITE A24-2 @19N	VN 2056N 10543E	25X1
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED REVETTED GUIDANCE AREA, 3 REVETTED MISSILE-HOLD POSITIONS @2 CONTAINING TENTS, AND AN OCCUPIED REVETTED ACQUISITION RADAR POSITION.		
OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH 7 VANS, AND AN ACQUISITION RADAR.		
HA NO. SAM SITE D31A-2 @28N	VN 2124N 10517E	25X1
SITE IS UNOCCUPIED.		
HA NO. SAM SITE D16-2 @24N	VN 2034N 10607E	25X1
SITE IS UNOCCUPIED.		
HA NO. SAM SITE D36-2 @39N	VN 2132N 10547E	25X1
SITE IS UNOCCUPIED.		
HA NO. SAM SITE C06-2 @32N	VN 2119N 10615E	25X1
SITE IS PROBABLY UNOCCUPIED. OBLIQUITY LIMITS INTERPRETATION.		
HA NO. SAM SITE C07-2 @30N	VN 2116N 10619E	25X1
IDENTIFICATION ONLY.		
HA NO. SAM SITE D31B-2 @29N	VN 2123N 10520E	25X1
SITE IS UNOCCUPIED.		
HA NO. SAM SITE E07-2 @31N	VN 2122N 10635E	25X1
IDENTIFICATION ONLY.		
YEN BAI SAM SITE C14-2 @122N	VN 2128N 10509E	25X1
SITE RETURNED TO CULTIVATION AND WILL NO LONGER BE REPORTED BY NPIC.		
YEN BAI SAM SITE B12-2 @116N	VN 2136N 10507E	25X1
SITE IS UNOCCUPIED.		
YEN BAI SAM SITE C10-2 @193N	VN 2141N 10522E	25X1
SITE IS UNOCCUPIED.		
YEN BAI SAM SITE B11-2 @194N	VN 2146N 10513E	25X1
SITE IS UNOCCUPIED.		
YEN BAI SAM SITE C07-2 @202N	VN 2144N 10515E	25X1
SITE IS UNOCCUPIED.		
YEN BAI SAM SITE C09-2 @206N	VN 2144N 10518E	25X1
SITE IS UNOCCUPIED.		

YEN BAI SAM SITE C17-2 @208N	VN 2123N 10517E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE A29-2 @21N	VN 2052N 10634E	25X1
IDENTIFICATION ONLY.		25X1
HAI PHONG SAM SITE A20-2 @25N	VN 2044N 10639E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE A17-2 @34N	VN 2047N 10642E	25X1
IDENTIFICATION ONLY.		25X1
HAI PHONG SAM SITE A29A-2 @37N	VN 2053N 10631E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE B33-2 @38N	VN 2107N 10630E	25X1
IDENTIFICATION ONLY.		25X1
HAI PHONG SAM SITE C32-2 @58N	VN 2106N 10623E	25X1
IDENTIFICATION ONLY.		25X1
HAI PHONG SAM SITE C32A-2	VN 2106N 10622E	25X1
IDENTIFICATION ONLY.		25X1
HAI PHONG SAM SITE B28-2 @60N	VN 2052N 10620E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE B30-2 @61N	VN 2059N 10621E	25X1
IDENTIFICATION ONLY.		25X1
HAI PHONG SAM SITE A23-2 @66N	VN 2045N 10635E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE C30-2 @72N	VN 2101N 10619E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE C28-2 @73N	VN 2053N 10617E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE A17A-2 @86N	VN 2042N 10644E	25X1
SITE IS UNOCCUPIED.		25X1
HAI PHONG SAM SITE D35-2 @89N	VN 2121N 10630E	25X1
IDENTIFICATION ONLY.		25X1
THANH HOA SAM SITE B28-2 @22N	VN 1949N 10535E	25X1
SITE IS UNOCCUPIED.		25X1
THANH HOA SAM SITE C02-2 @23N	VN 2009N 10554E	25X1
SITE IS UNOCCUPIED.		25X1

				25X1
O	THANH HOA SAM SITE B01-2 @26N	VN 2006N 10550E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE B02-2 @27N	VN 2006N 10550E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE D04-2 @42N	VN 2016N 10606E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE C03-2 @46N	VN 2013N 10559E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE C02A-2 @65N	VN 2010N 10553E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE A17-2 @67N	VN 1945N 10547E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE C04-2 @68N	VN 2011N 10604E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE D02-2 @69N	VN 2025N 10601E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE C01-2 @77N	VN 2013N 10551E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE D03-2 @79N	VN 2021N 10604E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE D03A-2 @80N	VN 2021N 10600E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE A19-2 @87N	VN 1941N 10546E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE B28A-2 @100N	VN 1950N 10529E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE B27-2 @109N	VN 1948N 10532E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE A14-2 @111N	VN 1945N 10550E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE D20-2 @123N	VN 1916N 10535E		25X1
	SITE IS UNOCCUPIED.			
				25X1
O	THANH HOA SAM SITE D20A-2 @130N	VN 1915N 10535E		25X1
	SITE IS UNOCCUPIED.			

		25X1
○	THANH HOA SAM SITE A17A-2 @153# VN 1947N 10547E SITE IS UNOCCUPIED.	25X1
		25X1
○	THANH HOA SAM SITE A13-2 @154# VN 1945N 10552E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE B30A-2 @43# VN 2108N 10535E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE C30A-2 @44# VN 2112N 10521E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE D03-2 @41# VN 2128N 10607E IDENTIFICATION ONLY.	25X1
		25X1
○	HA NOI SAM SITE D04-2 @33# VN 2125N 10612E IDENTIFICATION ONLY.	25X1
		25X1
○	HA NOI SAM SITE A17A-2 @45# VN 2052N 10554E SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED REVETTED GUIDANCE AREA, 3 UNOCCUPIED REVETTED MISSILE-HOLD POSITIONS, AND AN OCCUPIED REVETTED ACQUISITION RADAR POSITION. OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH 6 VANS, AND AN ACQUISITION RADAR.	25X1
		25X1
○	HA NOI SAM SITE C30C-2 @51# VN 2114N 10523E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE C01-2 @53# VN 2125N 10551E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE C05-2 @62# VN 2117N 10605E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE C04-2 @54# VN 2124N 10611E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE C02-2 @56# VN 2122N 10558E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE C04A-2 @57# VN 2120N 10608E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE C01A-2 @63# VN 2129N 10554E SITE IS UNOCCUPIED.	25X1
		25X1
○	HA NOI SAM SITE B33-2 @64# VN 2110N 10544E SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS @5 OCCUPIED, AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED	25X1

ACQUISITION RADAR POSITION.

OB -- 5 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH
5 VANS, AND AN ACQUISITION RADAR.

HA NO SAM SITE D35-2 @75N VN 2138N 10537E
SITE IS UNOCCUPIED.

HA NO SAM SITE C06A-2 @78N VN 2115N 10616E
IDENTIFICATION ONLY.

HA NO SAM SITE C13-2 @81N VN 2045N 10613E
SITE IS UNOCCUPIED.

HA NO SAM SITE C11-2 @84N VN 2055N 10615E
SITE IS UNOCCUPIED.

HA NO SAM SITE C12-2 @88N VN 2052N 10611E
SITE IS UNOCCUPIED.

HA NO SAM SITE C30D-2 @92N VN 2112N 10530E
SITE IS UNOCCUPIED.

HA NO SAM SITE B07-2 @95N VN 2108N 10609E
SITE IS UNOCCUPIED.

HA NO SAM SITE D06-2 @105N VN 2118N 10621E
IDENTIFICATION ONLY.

HA NO SAM SITE C30E-2 @114N VN 2111N 10521E
SITE IS UNOCCUPIED.

BAC CAN SAM SITE C22-2 @76N VN 2151N 10536E
SITE IS UNOCCUPIED.

BAC CAN SAM SITE B20-2 @90N VN 2151N 10544E
SITE IS UNOCCUPIED.

BAC CAN SAM SITE C20-2 @96N VN 2144N 10542E
SITE IS UNOCCUPIED.

BAC CAN SAM SITE C19-2 @192N VN 2138N 10546E
SITE IS UNOCCUPIED.

HOA BINH SAM SITE A19-2 @82N VN 2040N 10519E
SITE IS UNOCCUPIED.

HOA BINH SAM SITE B20-2 @83N VN 2035N 10517E
SITE IS UNOCCUPIED.

HOA BINH SAM SITE B22-2 @94N VN 2038N 10513E
SITE IS UNOCCUPIED.

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				25X1
○	HOA BINH SAM SITE B17-2 @178E	VN 2030N 10525E		25X1
	SITE IS UNOCCUPIED.			
○	HOA BINH SAM SITE C17-2 @201E	VN 2028N 10525E		25X1
	SITE IS UNOCCUPIED.			25X1
○	HOA BINH SAM SITE B19-2 @198E	VN 2032N 10520E		25X1
	SITE IS PROBABLY UNOCCUPIED. OBLIQUITY LIMITS INTERPRETATION.			
○				25X1
○	HOA BINH SAM SITE B08-2 @212E	VN 2052N 10533E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	HAI PHONG SAM SITE D35A-2 @97E	VN 2123N 10634E		25X1
	IDENTIFICATION ONLY.			
○				25X1
○	HAI PHONG SAM SITE A27-2 @99E	VN 2051N 10637E		25X1
	IDENTIFICATION ONLY.			
○	HAI PHONG SAM SITE D22-2 @152E	VN 2024N 10624E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	HAI PHONG SAM SITE C21-2 @157E	VN 2024N 10630E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	HAI PHONG SAM SITE D23-2 @174E	VN 2028N 10614E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	HAI PHONG SAM SITE B27-2 @209E	VN 2049N 10623E		25X1
	IDENTIFICATION ONLY.			
○				25X1
○	VINH SAM SITE C19-2 @101E	VN 1818N 10539E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	VINH SAM SITE C32-2 @102E	VN 1900N 10518E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	VINH SAM SITE B16-2 @103E	VN 1822N 10548		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	VINH PROBABLE SAM SITE @113E	VN 1900N 10518E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	VINH SAM SITE D32-2 @106E	VN 1900N 10516E		25X1
	SITE IS UNOCCUPIED.			
○				25X1
○	VINH SAM SITE A07-2 @127E	VN 1840N 10542E		25X1
	IDENTIFICATION ONLY.			
○				25X1
○	VINH SAM SITE C32A-2 @140E	VN 1859N 10517E		25X1
	SITE IS UNOCCUPIED.			

			25X1
○	VINH SAM SITE C30-2 @144N	VN 1848N 10518E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	VINH SAM SITE C32B-2 @149N	VN 1859N 10518E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	VINH SAM SITE B21-2 @150N	VN 1828N 10536E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	VINH SAM SITE B29-2 @151N	VN 1844N 10526E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	VINH SAM SITE B32-2 @173N	VN 1849N 10529E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	VINH SAM SITE A01-2 @176N	VN 1846N 10541E	25X1
	IDENTIFICATION ONLY.		
			25X1
○	VINH SAM SITE A36-2 @179N	VN 1844N 10540E	25X1
	IDENTIFICATION ONLY.		
			25X1
○	VINH SAM SITE @190N	VN 1837N 10548E	25X1
	IDENTIFICATION ONLY.		
			25X1
○	VINH SAM SITE C31-2 @213N	VN 1854N 10518E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	HA NOI SAM SITE B01-2 @119N	VN 2117N 10553E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	HA NOI SAM SITE C33-2 @120N	VN 2118N 10537E	25X1
	IDENTIFICATION ONLY.		
			25X1
○	HA NOI SAM SITE B01A-2 @124N	VN 2114N 10553E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	HA NOI SAM SITE A33-2 @125N	VN 2109N 10546E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	HA NOI SAM SITE D36A-2 @126N	VN 2135N 10550E	25X1
	SITE CONSISTS OF 4 UNOCCUPIED, UNRETTED LAUNCH POSITIONS AND A RETTTED GUIDANCE AREA.		
			25X1
○	HA NOI SAM SITE C01B-2 @128N	VN 2128N 10552E	25X1
	SITE IS UNOCCUPIED.		
			25X1
○	HA NOI SAM SITE A01-2 @133N	VN 2107N 10552E	25X1
	SITE CONSISTS OF 6 OCCUPIED RETTTED LAUNCH POSITIONS, AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR POSITION.		

OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH
5 VANS, AND AN ACQUISITION RADAR.

HA NO. SAM SITE C03-2 @138N VN 2121N 10600E
IDENTIFICATION ONLY.

HA NO. SAM SITE C03A-2 @141N VN 2119N 10602E
IDENTIFICATION ONLY.

HA NO. SAM SITE A14-2 @142N VN 2056N 10558E
SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS
AND AN OCCUPIED REVETTED GUIDANCE AREA.

OB -- 6 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR
WITH 6 VANS.

HA NO. SAM SITE C32-2 @143N VN 2119N 10531E
SITE IS UNOCCUPIED.

HA NO. SAM SITE B32-2 @146N VN 2115N 10535E
SITE IS UNOCCUPIED.

HA NO. SAM SITE B07A-2 @148N VN 2109N 10608E
SITE IS UNOCCUPIED.

HA NO. SAM SITE C17-2 @147N VN 2036N 10601E
SITE IS UNOCCUPIED.

HA NO. SAM SITE A31-2 @159N VN 2104N 10546E
SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS @4
OCCUPIED, A GUIDANCE AREA CONTAINING AN UNIDENTIFIED
PIECE OF EQUIPMENT, AND AN OCCUPIED ACQUISITION RADAR
POSITION.

OB -- 4 LAUNCHERS WITH MISSILES, AN ACQUISITION RADAR,
AND AN UNIDENTIFIED PIECE OF EQUIPMENT.

HA NO. SAM SITE C17A-2 @161N VN 2037N 10557E
SITE IS UNOCCUPIED.

HA NO. SAM SITE B16-2 @162N VN 2049N 10557E
SITE IS UNOCCUPIED.

HA NO. SAM SITE E22-2 @164N VN 2026N 10529E
SITE IS UNOCCUPIED.

HA NO. SAM SITE C17B-2 @165N VN 2033N 10600E
SITE IS UNOCCUPIED.

HA NO. SAM SITE C16-2 @166N VN 2041N 10605E
SITE IS UNOCCUPIED.

HA NO. SAM SITE A05-2 @158N VN 2108N 10558E

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE D36B-2 @168M VN 2134N 10546E

25X1

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C03B-2 @167M VN 2121N 10600E

25X1

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE D31C-2 @131M VN 2124N 10517E

25X1

25X1

SITE IS UNOCCUPIED.

THANH HOA SAM SITE C04B-2 @172M VN 2008N 10602E

25X1

25X1

IDENTIFICATION ONLY.

THANH HOA SAM SITE C03A-2 @156M VN 2015N 10558E

25X1

25X1

SITE IS UNOCCUPIED.

THANH HOA SAM SITE B01A-2 @160M VN 2006N 10549E

25X1

25X1

SITE IS UNOCCUPIED.

THANH HOA SAM SITE C01A-2 @163M VN 2014N 10548E

25X1

25X1

SITE IS UNOCCUPIED.

THANH HOA SAM SITE C04A-2 @155M VN 2009N 10600E

25X1

25X1

IDENTIFICATION ONLY.

THANH HOA SAM SITE D21A-2 @175M VN 1914N 10533E

25X1

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE C05B-2 @171M VN 2122N 10615E

25X1

25X1

IDENTIFICATION ONLY.

HA NOI SAM SITE B27-2 @180M VN 2059N 10533E

25X1

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE B13-2 @184M VN 2050N 10605E

25X1

25X1

SITE IS UNOCCUPIED.

HA NOI SAM SITE B28-2 @189M VN 2101N 10532E

25X1

25X1

SITE CONSISTS OF 6 UNREVIEWED LAUNCH POSITIONS @4

OCCUPIED AND AN OCCUPIED UNREVIEWED GUIDANCE AREA.

OB -- 4 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR.

HA NOI SAM SITE B04A-2 @186M VN 2118N 10602E

25X1

25X1

SITE IS UNOCCUPIED.

HA NOI POSS SAM SITE @199PM VN 2134N 10600E

25X1

25X1

IDENTIFICATION ONLY.

HA NOI POSS SAM SITE @200PM VN 2134N 10600E

25X1

25X1

IDENTIFICATION ONLY.

		25X1
O	HA NOI SAM SITE C010-2 @195N VN 2130N 10552E SITE IS UNOCCUPIED.	25X1
		25X1
O	HA NOI SAM SITE @205N VN 2128N 10555E SITE IS UNOCCUPIED.	25X1
		25X1
O	HA NOI SAM SITE @211N VN 2108N 10527E IDENTIFICATION ONLY.	25X1
		25X1
O	VINH LINH SAM SITE A25-2 @177N VN 1701N 10655E SITE IS UNOCCUPIED.	25X1
		25X1
O	VINH LINH SAM SITE A26-2 @187N VN 1701N 10654E SITE IS UNOCCUPIED.	25X1
		25X1
O	HA NOI PROB SA-2 MISSILE EQPT TRNG AREA VN 2127N 10555E PROBABLE SA-2 MISSILE EQUIPMENT TRAINING AREA APPEARS ACTIVE. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.	25X1
		25X1
O	YAI-CHENG PROB RADAR SITE CH 1818N 10910E IDENTIFICATION ONLY.	25X1
		25X1
O	HA NOI SAM SITE C29-2 @6N VN 2110N 10522E NO COMOR SITE IS UNOCCUPIED.	25X1
		25X1
O	YEN BAI SAM SITE @215N VN 2155N 10508E NO COMOR 20 NM NE OF YEN BAI AT UTM WK142245. NEWLY IDENTIFIED SITE CONSISTS OF 4 OCCUPIED UNREVIEWED LAUNCH POSITIONS AND A POSSIBLY OCCUPIED GUIDANCE AREA. OB -- 4 LAUNCHERS WITH MISSILES AND A POSSIBLE GUIDANCE RADAR.	25X1
		25X1
O	YEN BAI SAM SITE @216N VN 2057N 10506E NO COMOR 20 NM NE OF YEN BAI AT UTM WK112284. NEWLY IDENTIFIED SITE CONSISTS OF 5 UNREVIEWED LAUNCH POSITIONS @4 OCCUPIED AND AN OCCUPIED GUIDANCE AREA. OB -- 4 LAUNCHERS WITH MISSILES AND A GUIDANCE RADAR.	25X1
		25X1
O	YEN BAI SAM SITE @217N VN 2156N 10507E NO COMOR 20.2 NM NE OF YEN BAI AT UTM WK120267. NEWLY IDENTIFIED SITE CONSISTS OF 3 UNOCCUPIED UNREVIEWED POSITIONS AND AN UNOCCUPIED GUIDANCE AREA. OB -- NONE.	25X1
		25X1
O	YEN BAI SAM SITE @218N VN 2152N 10508E NO COMOR 17.2 NM NE OF YEN BAI AT UTM WK152182. NEWLY IDENTIFIED SITE CONSISTS OF 4 UNOCCUPIED UNREVIEWED LAUNCH POSITIONS AND AN UNOCCUPIED GUIDANCE AREA.	25X1

		25X1
	AIR FACILITIES	
	HAIPHONG/KIEN AN AIRFIELD VN 2048N 10636E	25X1
	OB -- NONE OBSERVED.	
		25X1
	HANOI/BAC MAI AIRFIELD VN 2059N 10550E	25X1
	OB -- 1 DERELICT AIRCRAFT IN HANGAR.	
		25X1
	HANOI/GIA LAM AIRFIELD VN 2102N 10553E	25X1
	OB -- 10 FAGOT/FRESCO @1 WITH TAIL SECTION REMOVED, 3	
	CRATE, 1 CAB FUSELAGE, 7 COLT, 1 HOOK, AND 1 HOUND.	
		25X1
	PHUC YEN AIRFIELD VN 2113N 10548E	25X1
	OB -- 9 FISHBED, 13 FAGOT/FRESCO, AND 2 DUMMY/DECOY	
	AIRCRAFT.	
		25X1
	KEP AIRFIELD VN 2124N 10616E	25X1
	IDENTIFICATION ONLY.	
		25X1
	HOA LAC AIRFIELD VN 2101N 10530E	25X1
	OB -- 2 FAGOT/FRESCO @1 WITH TAIL SECTION REMOVED AND	
	2 DUMMY/DECOY AIRCRAFT.	
		25X1
	THO KHOI HELICOPTER DISPERSAL AREA VN 2100N 10554E NO COMOR	
	OB -- 1 HOOK AND 7 HOUND.	
		25X1
	HA NOI HELICOPTER DISPERSAL AREA VN 2105N 10549E NO COMOR	
	OB -- 3 HOOK.	
		25X1
	NAVAL ACTIVITY/PORTS	
	BEN THUY COASTAL TRANSHIPMENT POINT VN 1839N 10542E	25X1
	2.2 NM SE OF VINH ON WEST BANK OF THE SONG CA RIVER.	
	ALL STRUCTURES DESTROYED OR DISMANTLED. OFFSHORE WHARF	
	DAMAGED. COASTAL FREIGHTER CAPSIZED IMMEDIATELY	
	ADJACENT TO WHARF. NO ACTIVITY OBSERVED.	
		25X1
	PEI-LI PORT FACILITIES CH 1906N 10837E	25X1
	IDENTIFICATION ONLY.	
		25X1
	MILITARY ACTIVITY	
	CHIN-PING MILITARY COMPLEX CH 2247N 10314E	25X1
	IDENTIFICATION ONLY.	
		25X1
	HO-KOU ARMY BARRACKS NORTH CH 2232N 10357E	25X1
	NO NEW CONSTRUCTION CHANGES IN FACILITIES, OR	
	PREVIOUSLY UNREPORTED FEATURES OBSERVED. NO INDICATION	
	OF TROOP OR SUPPLY BUILDUP OBSERVED.	
	OB -- 14 CARGO TRUCKS.	
		25X1
	THAI NGUYEN ARMY SUPPLY DEPOT NORTH VN 2138N 10551E	25X1
	NO APPARENT CHANGE SINCE	25X1

[REDACTED] 25X1
 BAC CAN ARMY BKS AND SUPPLY DEPOT VN 2208N 10550E 25X1
 IDENTIFICATION ONLY.
 [REDACTED] 25X1
 BAC GIANG ARMY BARRACKS NE DINH XUYEN VN 2117N 10612E 25X1
 NO APPARENT CHANGE SINCE [REDACTED] 25X1
 [REDACTED] 25X1
 TSA-TI-PAO ROAD CH 2302N 10341E [REDACTED] 25X1
 NO NEW ROADS, TRAILS OR ROAD IMPROVEMENTS OBSERVED. NO
 VEHICLES OBSERVED.
 [REDACTED] 25X1
 HA NOI/LAO CAI RR SEGMENT 2 VN 2200N 10433E [REDACTED] 25X1
 ENTIRE RAIL SEGMENT OBSERVED FROM 2210N 10421E TO 2150N
 10445E. BOMB DAMAGE OBSERVED AT UTM VK588288. SCALE
 PRECLUDES DETERMINATION OF SERVICEABILITY AT THIS
 POINT. REMAINDER OF SEGMENT APPEARS SERVICEABLE. FOUR
 PIECES OF ROLLING STOCK OBSERVED.
 [REDACTED] 25X1
 HA NOI/LAO CAI RR SEGMENT 1 VN 2220N 10410E [REDACTED] 25X1
 ENTIRE RAIL SEGMENT OBSERVED OPERATIONAL FROM 2229N
 10352E TO 2210N 10421E. EIGHT PIECES OF ROLLING STOCK
 OBSERVED. SCALE AND HAZE PRECLUDE COUNT OF ROLLING
 STOCK IN LAO CAI CLASSIFICATION YARD.
 [REDACTED] 25X1
 HA NOI/LAO CAI RR SEGMENT 3 VN 2140N 10456E [REDACTED] 25X1
 RAIL SEGMENT COVERED FROM 2203N 10504E TO 2128N 10506E.
 SMALL SCALE AND CLOUD COVER PRECLUDES DETERMINATION OF
 SERVICEABILITY. NO ROLLING STOCK OBSERVED.
 [REDACTED] 25X1
 HA NOI/PING-HSIANG RR SEGMENT 3 VN 2110N 10604E [REDACTED] 25X1
 ENTIRE RAIL SEGMENT OBSERVED OPERATIONAL BETWEEN 2122N
 10615E TO 2101N 10551E. DAP CAU RAILROAD BY-PASS
 BRIDGE AT 2112N 10605E IS OPERATIONAL. RAIL ACTIVITY
 INCLUDES 85 ROLLING STOCK AND 4 LOCOMOTIVES WITH
 TENDERS. IN ADDITION 1 LOCOMOTIVE AND TENDER OBSERVED
 PULLING 40 ROLLING STOCK NORTH AT 2108N 10601E. 1
 LOCOMOTIVE AND TENDER OBSERVED PULLING 25 ROLLING STOCK
 SOUTH AND AN ADDITIONAL LOCOMOTIVE PULLING 12 ROLLING
 STOCK NORTH WITHIN RAIL YARD AT 2107N 10558E.
 [REDACTED] 25X1
 HA NOI/LAO CAI RR SEGMENT 4 VN 2120N 10520E [REDACTED] 25X1
 ENTIRE RAIL SEGMENT OPERATIONAL FROM 2128N 10506E TO
 2118N 10536E. VIET TRI RAILROAD BRIDGE IS STILL
 UNSERVICEABLE. RAIL TRAFFIC INCLUDES A TOTAL OF 85
 PIECES OF ROLLING STOCK AND 2 POSSIBLE LOCOMOTIVES. AT
 LEAST 12 PIECES OF ROLLING STOCK DAMAGED OR DESTROYED
 AT 2117N 10528E. NUMEROUS PROBABLE RAIL CUTS NOTED ON
 RAILSPUR.

HA NOI/LAO CAI RR SEGMENT 5 VN 2110N 10548E
ENTIRE RAIL SEGMENT OBSERVED OPERATIONAL FROM 2110N
10536E TO 2101N 10551E. ACTIVITY INCLUDES 119 PIECES
OF ROLLING STOCK AND 4 LOCOMOTIVES.

25X1

25X1

TRUCK CONVOY, LAO CAI AREA VN 2223N 10414E NO COMOR
AT LEAST 23 CARGO TRUCKS OBSERVED TRAVELING SE ON ROUTE
4 NEAR THE VILLAGE OF COC XAM AT UTM VK216755.
QMAP REFERENCE -- AMS SERIES L7014, SHEET 5853-IV, 1ST
ED.

25X1

VEHICLE CONVOY, NA TCHIANG VN 2209N 10345E NO COMOR
AT LEAST 30 CARGO TRUCKS OBSERVED TRAVELLING SE ON
ROUTE 132 NEAR NA TCHIANG AT UTM UK718512.
QMAP REFERENCE -- AMS SERIES L7014, SHEET 5753-II, 1ST
ED.

25X1

THAI NGUYEN U/I CONSTRUCTION ACTIVITY VN 2128N 10553E NO COMOR
CONSTRUCTION CONTINUES ON THE PREVIOUSLY REPORTED
RAIL-SERVED UNIDENTIFIED CONSTRUCTION ACTIVITY, 8 NM
SOUTH OF THAI NGUYEN. A LARGE BUILDING IS IN AN EARLY
STAGE OF CONSTRUCTION OVER THE TERMINUS OF EACH OF THE
3 EASTERNMOST RAIL SPURS. ANOTHER LARGE BUILDING IS
UNDER CONSTRUCTION IN THE NORTHWESTERNMOST PREVIOUSLY
REPORTED CLEARING AT UTM WJ918745. THESE BUILDINGS
WILL HAVE AN APPROXIMATELY MINIMUM LENGTH AND WIDTH OF
200 X 40 FT. A POSSIBLE DRIVE-IN BUNKER APPROXIMATELY
40 X 50 FT IS IN LATE STAGE OF CONSTRUCTION BETWEEN 2
SMALL HILLS AT WJ922745. ROLLING STOCK OBSERVED
CONSISTS OF 6 BOXCARS AND 12 GONDOLA CARS.

25X1

25X1

COMPLEXES

BAC GIANG COMPLEX VN 2116N 10611E
NO APPARENT CHANGE SINCE

25X1

25X1

25X1

TUYEN QUANG COMPLEX VN 2148N 10512E
NO APPARENT CHANGE SINCE

25X1

25X1

25X1

LAO CAI COMPLEX VN 2230N 10358E
NO NEW CONSTRUCTION OR CHANGES IN INDUSTRIAL FACILITIES
OR INDICATIONS OF TROOP AND SUPPLY BUILDUP.

25X1

VIET TRI RAILROAD YARD VN 2118N 10526E
AT LEAST 44 ROLLING STOCK, 12 ADDITIONAL PROBABLE
DAMAGED/DESTROYED ROLLING STOCK, AND NUMEROUS RAIL CUTS
OBSERVED ON RAIL SPURS WITHIN YARD. MAIN LINE IS
PROBABLY OPERATIONAL.

25X1

25X1

25X1

YEN VEEN RR CLASSIFICATION YARD VN 2105N 10555E
YARD APPEARS SERVICEABLE. SIXTY-FIVE PIECES OF ROLLING
STOCK AND 3 POSSIBLE LOCOMOTIVES OBSERVED IN YARD AND
10 PIECES OF ROLLING STOCK ON LOOP TO LAO CAI LINE.

25X1

25X1